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Approved For Release 2004/06/29 : CIA-RDP83M00171R00090004-0

12 JUN 1979

MEMORANDUM FOR: Director of Central Intelligence

VIA: Deputy Director of Central Intelligence

25X1A FROM: [REDACTED]
Deputy to the DCI for Resource Management

SUBJECT: Integrated Remote Sensor System Study (IRSSS)

The major potential outcomes of the study that would have been of concern to us were:

- Integration of the DoD and civil meteorological satellite programs with potential negative impact on the support provided to NRP imaging satellites.
- Integration of NRP and civil imaging systems with potential negative impact on security and the usefulness of the NRP.
- Renewed pressures for unwarranted declassification of NRP imagery.

25X1 However, each of these potential problems, as further discussed in [REDACTED] 25X1
25X1 [REDACTED] memo to you, appears to have been satisfactorily resolved from
our standpoint. [REDACTED]

[REDACTED]

25X1A Attachment: [REDACTED], Copy 1

cc: D/DCI/CT
DDS&T

[REDACTED]
Copy No. 77

NRO review(s) completed.

DERIVATIVE CL BY [REDACTED] 25X1A
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[REDACTED]

SUBJECT: Integrated Remote Sensor System Study (IRSSS)

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(S) NATIONAL RECONNAISSANCE OFFICE
WASHINGTON, D.C.

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OFFICE OF THE DEPUTY DIRECTOR

11 June 1979

MEMORANDUM FOR THE DIRECTOR OF CENTRAL INTELLIGENCE

SUBJECT: Integrated Remote Sensor System Study (IRSSS)

For the past six months I have served as the DCI representative on the Integrated Remote Sensor System Study (IRSSS). This memorandum provides the current status of the Study efforts which started on 4 January 1979. The Study group has examined numerous options for systems integration and is finalizing a SECRET draft for comment and coordination by the principals; an annex for only very limited distribution is also being developed.

In conducting the study effort, we found that the civil sector requirements had never been clearly defined. This presented a significant problem when trying to devise integration options to satisfy these requirements and to relate them to DOD and intelligence requirements. Another difficult area in the Study group has been the appropriate use of cost/benefit trade-off methods to evaluate integration options. As of this time, this latter area is still under discussion.

The area the Study found to be most promising for potential integration involves METSAT and National Oceanic Satellite System (NOSS) space segments and ground segments. The majority of the savings identified in the Study result from the deletion of one civilian METSAT and the convergence with METSAT of most of the instruments from the NOSS. Other levels of integration seriously considered in the Study involved only the further integration of civil systems. The METSAT convergence issue is much like that in the Polar Orbiting Operational Meteorological Satellite Coordination Board (POOMSCOB) Report. Such convergence could potentially impact weather support to NRP imaging satellites. In this regard, Dr. Brown recently provided a memorandum to OMB based on the POOMSCOB report stating he could support the METSAT integration recommended in the Board's report only if the convergence were to occur through augmentation of the Defense Meteorological Satellite Program (DMSP) to support civil needs. (Memo attached.) Under an arrangement such as suggested by Dr. Brown, there would appear to be little to worry about regarding METSAT support to NRP imaging satellites. The integration of METSAT would not appear to change this situation.

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The classified annex is planned to include an examination of which civil requirements could be uniquely satisfied by the NRP systems. For reasons of classification and cost effectiveness, however, no actual options for integration involving intelligence systems have been put forward in the Study. The classification issue will be mentioned in the annex but reference will be made to the Declassification Study resulting from PD-42 where, as you recall, the subject was exhaustively treated.

As the report progresses I will keep you informed.

25X1

Charles W. Cook

1 Attachment
SECDEF Memorandum

25X1A

cc:

Gen Frank Camm
Mr. Leslie C. Dirks

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